

Deep Test Hole Data:

DT#1-80"
0-3 Topsoil
3-43 Red, brown silty loam
43-80 Gray sand
40 Roots
No water
R/L-80

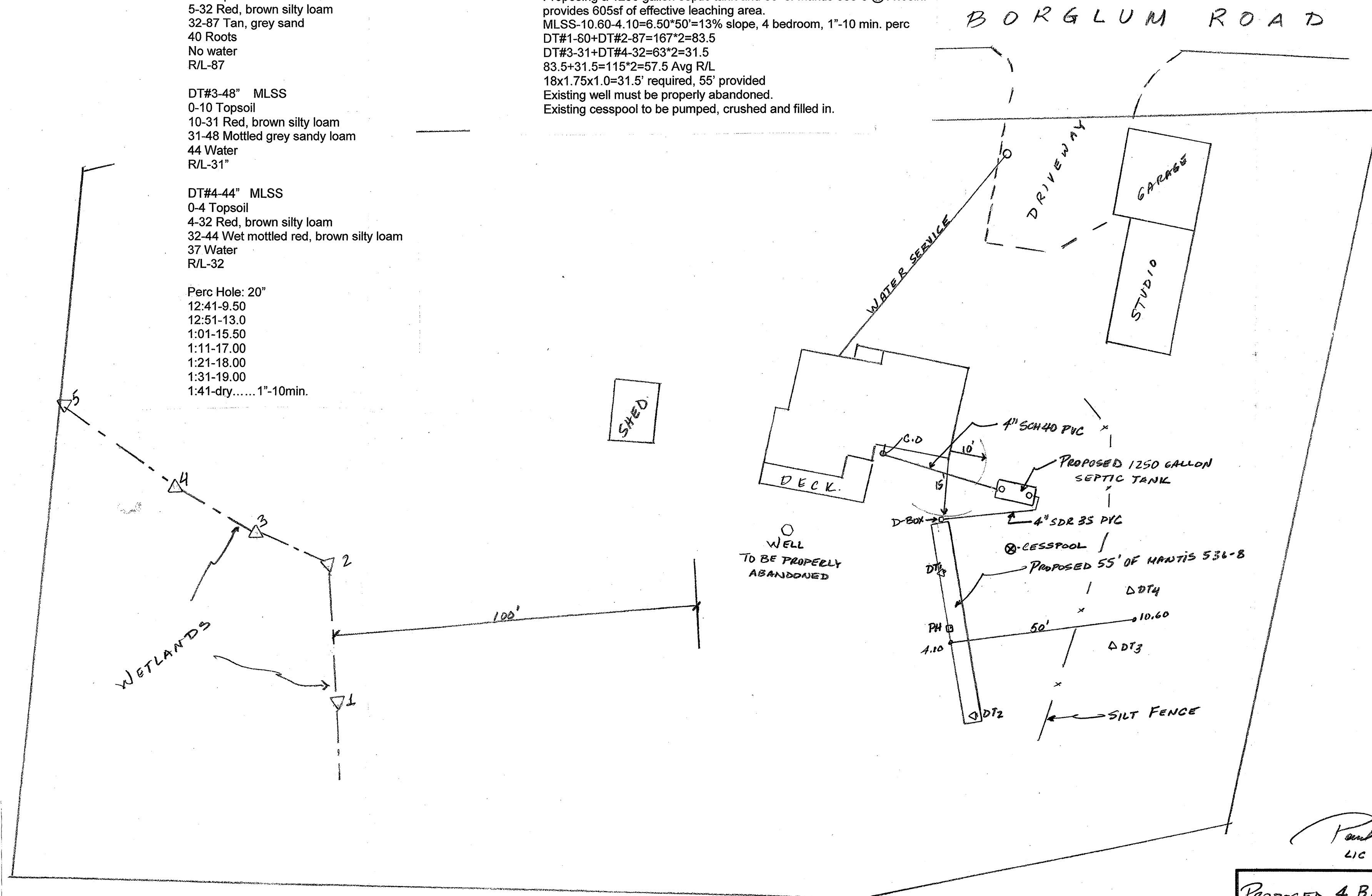
DT#2-87"
0-5 Topsoil
5-32 Red, brown silty loam
32-87 Tan, grey sand
40 Roots
No water
R/L-87

DT#3-48" MLSS
0-10 Topsoil
10-31 Red, brown silty loam
31-48 Mottled grey sandy loam
44 Water
R/L-31"

DT#4-44" MLSS
0-4 Topsoil
4-32 Red, brown silty loam
32-44 Wet mottled red, brown silty loam
37 Water
R/L-32

Perc Hole: 20"
12:41-9.50
12:51-13.0
1:01-15.50
1:11-17.00
1:21-18.00
1:31-19.00
1:41-dry.....1"-10min.

Required by code for a 4 bedroom with 1"-10min. perc is 577.5sf.
Proposing a 1250 gallon septic tank and 55' of Mantis 536-8 @11.0sf/lf provides 605sf of effective leaching area.
MLSS-10.60-4.10=6.50*50'=13% slope, 4 bedroom, 1"-10 min. perc
DT#1-80+DT#2-87=167*2=83.5
DT#3-31+DT#4-32=63*2=31.5
83.5+31.5=115*2=57.5 Avg R/L
18x1.75x1.0=31.5' required, 55' provided
Existing well must be properly abandoned.
Existing cesspool to be pumped, crushed and filled in.



Paul Hill
LIC #5075

PROPOSED 4 BEDROOM SEPTIC SYSTEM

SCALE: 1"=20'	APPROVED BY:	DRAWN BY P.S
DATE: 1-11-2021		REVISED
FOR: PATTI GRIFFIN 67 BORGLUM RD.		
BY: LAUREL HILL INC. 34 NOB HILL LN, STAMFORD		DRAWING NUMBER 1112